Subject: Re: Problem reading DICOM files with IDL
Posted by Nuno Ferreira on Tue, 29 Jul 2003 14:52:37 GMT
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David Fanning wrote:

> It would be more helpful to see the error messages
> caused by reading the uncompressed files, since even
> you admit IDL isn't going to read the compressed files.
>
> Sigh...

I was hoping that IDL versions more recent than 5.4 would be able to read
DICOM compressed files. In that case, the error message could be useful.

Anyway, here is the error message I get with the uncompressed files created
with the Osiris DICOM viewer:

IDL> img=read_dicom(file)
% Compiled module: READ_DICOM.
% Loaded DLM: DICOM.
READ_DICOM: The file D:\TEMP\xa0001.dcm is not in a supported DICOM format.

Not very helpful, I know...
Just to check, I also tried the commands to read the header info that David
mentioned in another message, which of course didn't work since IDL cannot
read the file...

IDL> thisObject = Obj_New('IDLffDicom', file)
IDL> thisObject -> DumpElements
IDL> modality = thisObject -> GetValue('0008'xL, '0060'xL)
IDL> Print, "Modality: ", *modality
% Pointer type required in this context: MODALITY.
% Execution halted at: $MAIN$

Are you aware of a DICOM viewer that reads compressed DICOM files and creates
uncompressed files compatible with IDL? Do you have other ideas?
Thanks in advance...

Nuno